

Approved For Release 2004/05/05 : CIA-RDP85B00803R000200080043-8

3rd Generation - Space

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7 Nov 67
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A plan, formulated in the 2nd quarter 1967 called for extensive construction activity in the OCS Computer Center, GC03, Headquarters, beginning early in 1968.

Purpose to provide OCS with a larger and more flexible Computer Center environment. Area was divided into two zones and first phase was ~~example~~ equipping of Zone II with raised floor and air conditioning and setting up of two major computer systems. Temporary space then had to be found to locate personnel and equipment of Zone I while construction took place.

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COMPUTER CENTER ACTIVITY

(IBM System)

Mo/yr	No Jobs Processed	Average No. Jobs per User Day
Sep 66	2,027	92
Oct	2,462	117
Nov	2,543	127
Dec	2,674	127
Jan 67	3,246	154
Feb	2,956	155
Mar	4,012	174
Apr	3,491	174
May	3,825	174
Jun	4,151	189
July	4,339	216
Aug	4,756	206
Sept	4,322	
Oct	6,231	
<i>Nov</i>	<i>6,089</i>	
<i>DEC</i>	<i>6,582</i>	

TRAINING

The in-house, 17-week, full-time training program for programmer trainees (Sept-Dec 1967) after being in progress for only two weeks had produced ~~a~~ observable efficiencies in the manner in which the new hardware was being utilized.

COMPUTER OPERATIONS

During 1967 significant improvement was made in computer productivity, including reduction of response time and a 3-fold rate of increase in production rate in the IBM systems.

A qualitative improvement in security and production control procedures was effected subsequent to the Geiss Report.

3rd GENERATION

Conversion to 3rd generation computers ;introduced many problems particularly in manufacturer-supplied ~~xxxxx~~ software which could not be fully anticipated. CIA was among the first to install these systems and there was no experience to draw from

Long-range planning for computer support suffers from fact that user projections of requirements are vague or non-existent.

More technical skills needed for the new computer techniques of time-sharing, teleprocessing, remote terminals etc. in order to solve communications and security problems.

User and management education in ADP~~a~~ required and resolution of the questions of organizational responsibility for ADP training in the Agency.

Growth in size and complexity, increases in personnel, created a severe space shortage at Headquarters.